

External SCSI Box with Removable CFast

RRT-EXT-SCSI-R-CFast

The External SCSI Box with removable CFast™ is a proprietary FPGA based design that provides a long term solution for replacement of obsolete SCSI floppy, tape (DAT), magneto optical (MO), CD, DVD and PC card drives. Available with SCSI HD50, HD68, VHDCI or C50 connectors.

The design provides a transparent interface from the SCSI bus to a COTS CFast™ card.

Custom firmware provided for SCSI systems that require specific SCSI command responses, capacities or sector sizes. A built-in debug monitor can be used to diagnose and update firmware.



FEATURES:

- Drop in replacement for obsolete SCSI drives
- Hot swap Removable CFast™
- External Box
- Capacities currently up to 512GB
- Ultra SCSI transfer rates up to 20 MB/s
- Single Ended (SE) interface
- Emulations for SCSI floppy, SCSI magneto optical (MO), SCSI CD, SCSI DVD, SCSI DAT tape and SCSI PC card
- Commercial and extended temperature versions available
- Compatible with systems with an external SCSI SE connector
- SCSI termination can be enabled within unit
- No additional software required
- CFast™ with write protect switch available
- SCSI ID selection 0 – 7
- ROHS compliant

Ordering Information - External SCSI Box with Removable CFast™

RRT-EXT-SCSI-R-CFast - C50 - FLOPPY

Requirements

SCSI Connector
C50, HD50, HD68,
VHDCI

Options May be left blank

Emulation
Floppy - Floppy Drive
MO - Magneto Optical
DAT - Tape Drive
CD - CD Drive
DVD - DVD Drive

Example: RRT-EXT-SCSI-R-CFast-C50
Example: RRT-EXT-SCSI-R-CFast-HD68-Floppy
Example: RRT-EXT-SCSI-R-CFast-VHDCI-DAT

Ordering Information - CFast™ Drive

RRT-CFast - SLC - 512GB - WP

Requirements

NAND FLASH Type
SLC - Single Level
MLC - Multi Level

Capacity in MB or GB
Any capacity up to 512GB

Options May be left blank

Write Protect
WP - Write Protect

Example: RRT-CFast-SLC-128GB
Example: RRT-CFast-MLC-512GB-WP

External SCSI Box with Removable CFast™ Specifications

Performance	
Interface	Narrow 8-bit Single Ended (SE) Ultra SCSI, SCSI2, SCSI1
Sustained Throughput Read/Write	19 MB/s
Reliability	
MTBF	60,000 hours
Power	
Voltage	100 – 240 VAC
Watts	3W
Environmental	
Temperature operating	5° to 55°C
Temperature storage	-40° to 85°C
Relative Humidity	5% to 95%
Physical	
Form Factor	External box
Weight	5 lbs. max (2.27kg)
Dimensions (L x W x H)	11.29" x 9.84" x 2.91" (287mm x 250mm x 74mm)

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